

Demand Side Worksheet	
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EGR Name: EGR 6

Occupation Name: Business Operations Specialists

Occupation SOC: 13-1000	
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1. Estimated Job vacancies, end of 2005

Lower estimate	-6
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Middle estimate	0
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Upper estimate	6
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2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
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Year	2006	2007	2008	2009	2010	2011	2012
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Year	2006	2007	2008	2009	2010	2011	2012
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Year	2006	2007	2008	2009	2010	2011	2012
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Year	2006	2007	2008	2009	2010	2011	2012
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Year	2006	2007	2008	2009	2010	2011	2012
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Year	2006	2007	2008	2009	2010	2011	2012
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A. Lower projection:	
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Total, all industries in EGR	(6)	(6)	(6)	(6)	(6)	(6)	(6)
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Manufacturing	(3)	(3)	(3)	(3)	(3)	(3)
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Health Care, & Social Services	(3)	(3)	(3)	(3)	(3)	(3)	(3)
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B. Middle projection:	
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Total, all industries in EGR	-	-	-	-	-	-	-
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Manufacturing	-	-	-	-	-	-	-
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Health Care & Social Services	-	-	-	-	-	-	-
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C. Upper projection:	
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Total, all industries in EGR	6	6	6	6	6	6	6
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Manufacturing	3	3	3	3	3	3	3
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Health Care & Social Services	3	3	3	3	3	3	3
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Supply Side Worksheet #1 ("Production")

EGR Name: EGR 6

EGR 6

Occupation Name:	Business Operations Specialists
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Business Operations Specialists

Occupation SOC:	13-1000
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13-1000

Projected "production" of new entrants into this occupation, by year	
2014	1,000
2015	1,000
2016	1,000
2017	1,000
2018	1,000
2019	1,000
2020	1,000
2021	1,000
2022	1,000
2023	1,000
2024	1,000
2025	1,000
2026	1,000
2027	1,000
2028	1,000
2029	1,000
2030	1,000
2031	1,000
2032	1,000
2033	1,000
2034	1,000
2035	1,000
2036	1,000
2037	1,000
2038	1,000
2039	1,000
2040	1,000
2041	1,000
2042	1,000
2043	1,000
2044	1,000
2045	1,000
2046	1,000
2047	1,000
2048	1,000
2049	1,000
2050	1,000
2051	1,000
2052	1,000
2053	1,000
2054	1,000
2055	1,000
2056	1,000
2057	1,000
2058	1,000
2059	1,000
2060	1,000
2061	1,000
2062	1,000
2063	1,000
2064	1,000
2065	1,000
2066	1,000
2067	1,000
2068	1,000
2069	1,000
2070	1,000
2071	1,000
2072	1,000
2073	1,000
2074	1,000
2075	1,000
2076	1,000
2077	1,000
2078	1,000
2079	1,000
2080	1,000
2081	1,000
2082	1,000
2083	1,000
2084	1,000
2085	1,000
2086	1,000
2087	1,000
2088	1,000
2089	1,000
2090	1,000
2091	1,000
2092	1,000
2093	1,000
2094	1,000
2095	1,000
2096	1,000
2097	1,000
2098	1,000
2099	1,000
2100	1,000

Year

2006

2007

2008

2009

2010

2011

2012

a. Graduates/completers of education and training programs in this EGR:

Ball State Univ

70

70

70

70

70

70

70

b. Other sources of entrants (other than in-migration)

N/A

0

0

0

0

C

C

0

c. Total new supply

70

70

70

70

70

70

70

Worksheet for Calculating Shortages or Surpluses of One Occupation

EGR Name:	EGR 6							
Occupation Name:	Business Operations Specialists							
Occupation SOC:	13-1000							
A. Lower projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		-6	-6.5	-7	-7.5	-8	-8.5	-9
New demand during year		-6	-6	-6	-6	-6	-6	-6
New production during year		70	70	70	70	70	70	70
Net migration during year		-75.5	-75.5	-75.5	-75.5	-75.5	-75.5	-75.5
Net change during year		-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Carryover to next year (+/-)		-6	-6.5	-7	-7.5	-8	-8.5	-9
B. Middle projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		0	5.5	11	16.5	22	27.5	33
New demand during year		0	0	0	0	0	0	0
New production during year		70	70	70	70	70	70	70
Net migration during year		-75.5	-75.5	-75.5	-75.5	-75.5	-75.5	-75.5
Net change during year		5.5	5.5	5.5	5.5	5.5	5.5	5.5
Carryover to next year (+/-)		0	5.5	11	16.5	22	27.5	33
C. Upper projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		6	17.5	29	40.5	52	63.5	75
New demand during year		6	6	6	6	6	6	6
New production during year		70	70	70	70	70	70	70
Net migration during year		-75.5	-75.5	-75.5	-75.5	-75.5	-75.5	-75.5
Net change during year		11.5	11.5	11.5	11.5	11.5	11.5	11.5
Carryover to next year (+/-)		6	17.5	29	40.5	52	63.5	75
Notes:								
(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.								
(2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:								
A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.								
B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.								
C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.								

Demand Side Worksheet							
EGR Name:		EGR 6					
Occupation Name:		Life Scientists					
Occupation SOC:		19-1000					
1. Estimated Job vacancies, end of 2005							
Lower estimate		0					
Middle estimate		0					
Upper estimate		0					
2. Projected number of job openings annually due to growth and net replacements:							
Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-
B. Middle projection:							
Total, all industries in EGR	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-
C. Upper projection:							
Total, all industries in EGR	-	-	-	-	-	-	-
Manufacturing	-	-	-	-	-	-	-
Agriculture	-	-	-	-	-	-	-
Notes:							
This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:							
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C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.							

Worksheet for Calculating Shortages or Surpluses of One Occupation

EGR Name: EGR 6

Occupation Name: Life Scientists

Occupation SOC: 19-1000

A. Lower projection:

Total, all industries in EGR

Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		0	-2.8	-5.6	-8.4	-11.2	-14	-16.8
New demand during year		0	0	0	0	0	0	0
New production during year		76	76	76	76	76	76	76
Net migration during year		-73.2	-73.2	-73.2	-73.2	-73.2	-73.2	-73.2
Net change during year		-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8
Carryover to next year (+/-)	0	-2.8	-5.6	-8.4	-11.2	-14	-16.8	-19.6

B. Middle projection:

Total, all industries in EGR

Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		0	-2.8	-5.6	-8.4	-11.2	-14	-16.8
New demand during year		0	0	0	0	0	0	0
New production during year		76	76	76	76	76	76	76
Net migration during year		-73.2	-73.2	-73.2	-73.2	-73.2	-73.2	-73.2
Net change during year		-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8
Carryover to next year (+/-)	0	-2.8	-5.6	-8.4	-11.2	-14	-16.8	-19.6

C. Upper projection:

Total, all industries in EGR

Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		0	-2.8	-5.6	-8.4	-11.2	-14	-16.8
New demand during year		0	0	0	0	0	0	0
New production during year		76	76	76	76	76	76	76
Net migration during year		-73.2	-73.2	-73.2	-73.2	-73.2	-73.2	-73.2
Net change during year		-2.8	-2.8	-2.8	-2.8	-2.8	-2.8	-2.8
Carryover to next year (+/-)	0	-2.8	-5.6	-8.4	-11.2	-14	-16.8	-19.6

Notes:

(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.

(2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

- A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.
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- C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Demand Side Worksheet

EGR Name: EGR 6

Occupation Name: Health Diagnosing and Treating Practitioners

Occupation SOC: 29-1000

1. Estimated Job vacancies, end of 2005

Lower estimate	71
Middle estimate	74
Upper estimate	76

2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	71	71	71	71	71	71	71
Health Care & Social Services	71	71	71	71	71	71	71
B. Middle projection:							
Total, all industries in EGR	74	74	74	74	74	74	74
Health Care & Social Services	74	74	74	74	74	74	74
C. Upper projection:							
Total, all industries in EGR	76	76	76	76	76	76	76
Health Care & Social Services	76	76	76	76	76	76	76

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

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C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Worksheet for Calculating Shortages or Surpluses of One Occupation									
EGR Name: EGR 6									
Occupation Name: Health Diagnosing and Treating Practitioners									
Occupation SOC: 29-1000									
A. Lower projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		71	137.3	203.6	269.9	336.2	402.5	468.8	
New demand during year		71	71	71	71	71	71	71	
New production during year		197	197	197	197	197	197	197	
Net migration during year		-192.3	-192.3	-192.3	-192.3	-192.3	-192.3	-192.3	
Net change during year		66.3	66.3	66.3	66.3	66.3	66.3	66.3	
Carryover to next year (+/-)	71	137.3	203.6	269.9	336.2	402.5	468.8	535.1	
B. Middle projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		74	143.3	212.6	281.9	351.2	420.5	489.8	
New demand during year		74	74	74	74	74	74	74	
New production during year		197	197	197	197	197	197	197	
Net migration during year		-192.3	-192.3	-192.3	-192.3	-192.3	-192.3	-192.3	
Net change during year		69.3	69.3	69.3	69.3	69.3	69.3	69.3	
Carryover to next year (+/-)	74	143.3	212.6	281.9	351.2	420.5	489.8	559.1	
C. Upper projection:									
Total, all industries in EGR									
Year	2005	2006	2007	2008	2009	2010	2011	2012	
Carryover from last year (+/-)		76	147.3	218.6	289.9	361.2	432.5	503.8	
New demand during year		76	76	76	76	76	76	76	
New production during year		197	197	197	197	197	197	197	
Net migration during year		-192.3	-192.3	-192.3	-192.3	-192.3	-192.3	-192.3	
Net change during year		71.3	71.3	71.3	71.3	71.3	71.3	71.3	
Carryover to next year (+/-)	76	147.3	218.6	289.9	361.2	432.5	503.8	575.1	
Notes:									
(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.									
(2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:									
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B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.									
C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.									

Demand Side Worksheet

EGR Name: EGR 6

Occupation Name: Health Technologists and Technicians

Occupation SOC: 29-2000

1. Estimated Job vacancies, end of 2005

Lower estimate	33
Middle estimate	35
Upper estimate	38

2. Projected number of job openings annually due to growth and net replacements:

Year	2006	2007	2008	2009	2010	2011	2012
A. Lower projection:							
Total, all industries in EGR	33	33	33	33	33	33	33
Health Care & Social Services	33	33	33	33	33	33	33
B. Middle projection:							
Total, all industries in EGR	35	35	35	35	35	35	35
Health Care & Social Services	35	35	35	35	35	35	35
C. Upper projection:							
Total, all industries in EGR	38	38	38	38	38	38	38
Health Care & Social Services	38	38	38	38	38	38	38

Notes:

This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:

A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.

B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.

C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.

Supply Side Worksheet #1 ("Production")

EGR Name:	EGR 6
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Occupation Name:	Health Technologists and Technicians
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Occupation SOC:	29-2000	
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Projected "production" of new entrants into this occupation, by year

Year	2006	2007	2008	2009	2010	2011	2012
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a. Graduates/completers of education and training programs in this EGR:	
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Ivy Tech - Muncie	98	98	98	98	98	98	98
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Ivy Tech - Richmond	84	84	84	84	84	84	84
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b. Other sources of entrants (other than in-migration)	
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N/A	0	0	0	0	0	0	0
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c. Total new supply	182	182	182	182	182	182	182
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Total new supply	102	102	102	102	102	102	102

Supply Side Worksheet #2 ("Migration")

EGR Name:	EGR 6
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Occupation Name:	Health Technologists and Technicians
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Occupation SOC: 29-2000	
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Year	2006	2007	2008	2009	2010	2011	2012
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[illegible]

a. From outside this EGR	0	0	0	0	0	0
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b. From other occupations	0	0	0	0	0	0	0
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2. Projected OUT-migration of workers in this occupation to this EGR, by year

a. To places outside this EGR	119	119	119	119	119	119	119
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[illegible]

3. Net IN-Migration	-150.5	-150.5	-150.5	-150.5	-150.5	-150.5	-150.5
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[illegible]

Worksheet for Calculating Shortages or Surpluses of One Occupation								
EGR Name:		EGR 6						
Occupation Name:		Health Technologists and Technicians						
Occupation SOC:		29-2000						
A. Lower projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		33	34.5	36	37.5	39	40.5	42
New demand during year		33	33	33	33	33	33	33
New production during year		182	182	182	182	182	182	182
Net migration during year		-150.5	-150.5	-150.5	-150.5	-150.5	-150.5	-150.5
Net change during year		1.5	1.5	1.5	1.5	1.5	1.5	1.5
Carryover to next year (+/-)	33	34.5	36	37.5	39	40.5	42	43.5
B. Middle projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		35	38.5	42	45.5	49	52.5	56
New demand during year		35	35	35	35	35	35	35
New production during year		182	182	182	182	182	182	182
Net migration during year		-150.5	-150.5	-150.5	-150.5	-150.5	-150.5	-150.5
Net change during year		3.5	3.5	3.5	3.5	3.5	3.5	3.5
Carryover to next year (+/-)	35	38.5	42	45.5	49	52.5	56	59.5
C. Upper projection:								
Total, all industries in EGR								
Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		38	44.5	51	57.5	64	70.5	77
New demand during year		38	38	38	38	38	38	38
New production during year		182	182	182	182	182	182	182
Net migration during year		-150.5	-150.5	-150.5	-150.5	-150.5	-150.5	-150.5
Net change during year		6.5	6.5	6.5	6.5	6.5	6.5	6.5
Carryover to next year (+/-)	38	44.5	51	57.5	64	70.5	77	83.5
Notes:								
(1) A positive (+) carryover indicates a "shortage" of workers in this occupation. A negative (-) carryover indicates the opposite.								
(2) This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:								
A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.								
B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.								
C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.								

Demand Side Worksheet													
EGR Name:		EGR 6											
Occupation Name:		Truck Driver, Heavy Tractor-Trailer											
Occupation SOC:		53-3032											
<div>1. Estimated Job vacancies, end of 2005</div> <table border="1"> <tr> <td>Lower estimate</td> <td>-58</td> </tr> <tr> <td>Middle estimate</td> <td>-7</td> </tr> <tr> <td>Upper estimate</td> <td>45</td> </tr> </table>								Lower estimate	-58	Middle estimate	-7	Upper estimate	45
Lower estimate	-58												
Middle estimate	-7												
Upper estimate	45												
2. Projected number of job openings annually due to growth and net replacements:													
Year	2006	2007	2008	2009	2010	2011	2012						
A. Lower projection:													
Total, all industries in EGR	(58)	(58)	(58)	(58)	(58)	(58)	(58)						
Transportation & Warehousing	(58)	(58)	(58)	(58)	(58)	(58)	(58)						
B. Middle projection:													
Total, all industries in EGR	(7)	(7)	(7)	(7)	(7)	(7)	(7)						
Transportation & Warehousing	(7)	(7)	(7)	(7)	(7)	(7)	(7)						
C. Upper projection:													
Total, all industries in EGR	45	45	45	45	45	45	45						
Transportation & Warehousing	45	45	45	45	45	45	45						
Notes:													
This worksheet allows for "ranges" of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words "Lower," "Middle," and "Upper" are as follows:													
A. "Lower" means that your EGR thinks the probability is no more than 25% that the true value lies below it.													
B. "Middle" means that your EGR thinks the probability is about equal that the true value lies either below it or above it.													
C. "Upper" means that your EGR thinks the probability is no more than 25% that the true value lies above it.													

Worksheet for Calculating Shortages or Surpluses of One Occupation

EGR Name:	EGR 6
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Occupation Name:	Truck Drivers, Heavy Tractor-Trailer
Occupation SOC:	53-2020

Occupation SOC: 53-3032	
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A. Lower projection:

[illegible]

Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		-58	-100	-142	-184	-226	-268	-310
New demand during year		-58	-58	-58	-58	-58	-58	-58
New production during year		0	0	0	0	0	0	0
Net migration during year		-16	-16	-16	-16	-16	-16	-16
Net change during year		-42	-42	-42	-42	-42	-42	-42
Carryover to next year (+/-)	-58	-100	-142	-184	-226	-268	-310	-352

B. Middle projection:

Total, all industries in EGR	2007	2008	2009	2010	2011	2012	2013	2014	2015
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Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		-7	2	11	20	29	38	47
New demand during year		-7	-7	-7	-7	-7	-7	-7
New production during year		0	0	0	0	0	0	0
Net migration during year		-16	-16	-16	-16	-16	-16	-16
Net change during year		9	9	9	9	9	9	9
Carryover to next year (+/-)	-7	2	11	20	29	38	47	56

C. Upper projection:

[illegible]

Year	2005	2006	2007	2008	2009	2010	2011	2012
Carryover from last year (+/-)		45	106	167	228	289	350	411
New demand during year		45	45	45	45	45	45	45
New production during year		0	0	0	0	0	0	0
Net migration during year		-16	-16	-16	-16	-16	-16	-16
Net change during year		61	61	61	61	61	61	61
Carryover to next year (+/-)	45	106	167	228	289	350	411	472

Notes:

(1) A positive (+) call/over indicates a shortage of workers in this occupation. A negative (-) call/over indicates the opposite.

2) This worksheet allows for ranges of estimates and projections in recognition of the fact that these values cannot be known with certainty. The meanings of the words Lower, middle, and upper are as follows:

A. **Lower** means that your EGR thinks the probability is no more than 25% that the true value lies below it.

c. Hinesell means that your EGR thinks the probability is about equal that the true value lies either below it or above it.

c. **Upper** means that your EGR thinks the probability is no more than 25% that the true value lies above it.